Antrim Wind Energy, LLC Antrim Wind Windpark

Antrim New Hampshire



Applicant:

Antrim Wind Energy, LLC 155 Fleet Street Portsmouth, NH 03801

Prepared by:

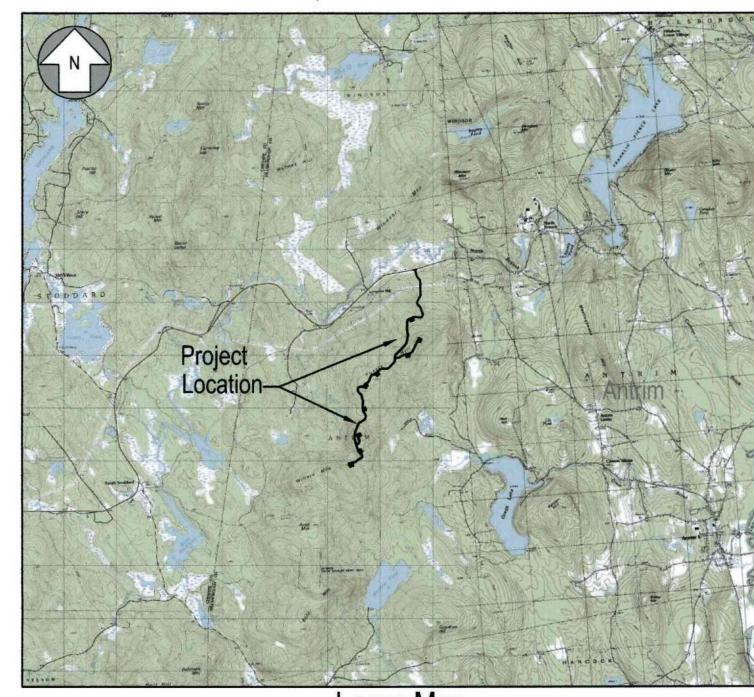


249 Western Avenue Augusta, Maine 04330

NOT FOR CONSTRUCTION

Permit Plan Set

Issued For Permitting 5/1/2015



Locus Map



GENERAL NOTES

- 1. 2 FOOT CONTOURS DEVELOPED FROM AERIAL SURVEY BY JAMES W SEWALL CO, 2011.
- 2. PLANIMETRIC AND TOPOGRAPHIC INFORMATION ARE SHOWN IN NEW HAMPSHIRE STATE PLANE, US—FEET, NAD 83. VERTICAL DATUM IS NAVD 1988 US—FEET. SEE DRAWING G—3 FOR PROJECT BENCHMARKS. HORIZONTAL AND VERTICAL LOCATION COORDINATES FOR ALL IMPROVEMENTS WILL BE PROVIDED TO THE CONTRACTOR BY THE ENGINEER IN ELECTRONIC FORMAT AFTER NH DES APPROVALS.
- NATURAL RESOURCE DATA, INCLUDING WETLAND DELINEATION BOUNDARIES AND OTHER SENSITIVE RESOURCES PERFORMED BY TRC, 2014.

CLEARING AND STOCKPILING OPERATIONS

- 1. INSTALL PERIMETER EROSION CONTROL MEASURES PRIOR TO SOIL DISTURBANCE.
- 2. EQUIPMENT LAYDOWN AREA AND THE SUBSTATION AREA: CLEAR TIMBER AND BRUSH WITHIN LIMIT OF DISTURBANCE. GRUBBING SHALL BE PERFORMED AFTER ESTABLISHMENT AND STABILIZATION OF TEMPORARY OR PERMANENT DRAINAGE COURSES BUT JUST PRIOR TO PRELIMINARY GRADING; STUMPS SHALL BE GROUND TO GRADE OR REMOVED AND GROUND ON—SITE TO GENERATE EROSION CONTROL MIX (ECM).
- 3. ALL DISTURBED AREAS SHALL BE TEMPORARILY STABILIZED AS SOON AS PRACTICABLE, BUT NO LATER THAN 45 DAYS OF INITIAL DISTURBANCE. WHERE FEASIBLE, CONTRACTOR OPERATIONS SHALL MAINTAIN THE NATURAL COVER MATERIAL OR USE NATURAL VEGETATIVE BUFFER STRIPS TO AID IN SEDIMENT RETENTION. AND TO REDUCE THE POTENTIAL OF SOIL EROSION
- 4. THE CONTRACTOR SHALL MINIMIZE THE AMOUNT OF DISTURBANCE AT ANY ONE TIME BY STAGING CONSTRUCTION AS MUCH AS PRACTICAL FOR EFFICIENT CONSTRUCTION OF THE PROJECT. THE UNSTABILIZED DISTURBED AREA SHALL NOT EXCEED 5 ACRES UNLESS THE FOLLOWING CONDITIONS ARE MET:
 - SUBMIT DOCUMENTATION THAT THE REQUIRED AREAS OF CUTS AND FILLS ARE SUCH THAT AN AREA OF DISTURBANCE OF 5 ACRES OR LESS WOULD UNREASONABLY LIMIT THE CONSTRUCTION SCHEDULE;
 - SUBMIT A CONSTRUCTION SEQUENCE PLAN, DEVELOPED BY A QUALIFIED ENGINEER OR A CPESC SPECIALIST; AND
 - EMPLOY AN ENVIRONMENTAL MONITOR DURING CONSTRUCTION
- 5. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
 - BASE COURSE GRAVELS HAVE BEEN INSTALLED.
 - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED.
 A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIPRAP HAS
- BEEN INSTALLED.
- OR, EROSION CONTROL BLANKETS OR EROSION CONTROL MIX HAS BEEN PROPERLY INSTALLED.
- EXPOSED LEDGE SHALL BE CONSIDERED STABLE.
- 6. ACCESS ROADS, WTG ASSEMBLY AREAS, AND RIDGE ROADS: IN FILL AREAS LESS THAN 5 FEET, CLEAR TIMBER AND BRUSH AND GRUB AS DESCRIBED IN 2 ABOVE. IN FILL AREAS EXCEEDING 5 FEET, GRUBBING AND STUMP REMOVAL IS NOT REQUIRED.
- 7. STRIPPED TOPSOIL SHALL BE STOCKPILED ON—SITE WITHIN DISTURBED AREAS FOR USE IN STABILIZING ACCESS ROAD DITCHES AND FOR FINAL STABILIZATION OF ROAD SHOULDERS, WTG ASSEMBLY AREAS, LAYDOWN AREAS AND SLOPES. AN EROSION CONTROL BARRIER SHALL BE INSTALLED AROUND SOIL STOCKPILES THAT ARE EXPECTED TO REMAIN UNDISTURBED FOR MORE THAN 48 HOURS, OR PRIOR TO A STORM EVENT. THAT BARRIERS SHALL BE ADEQUATELY LOCATED AND REINFORCED TO PREVENT COLLAPSE DURING A STORM EVENT AND THE POTENTIAL SLUMPING OF THE PILE. IF NO ACTIVITY IS SCHEDULED WITHIN 30 DAYS, APPLY HAY AND/OR STRAW MULCH AS SPECIFIED HEREIN, UNLESS DIRECTED OTHERWISE. 4 INCHES OF ECM MAY ALSO BE USED. HAY/STRAW MULCH MAY ALSO BE SUPPLEMENTED BY TEMPORARY SEEDING WITH ANNUAL RYEGRASS AS SPECIFIED HEREIN FOR AREAS WHERE ADDITIONAL ACTIVITY IS NOT EXPECTED FOR SEVERAL MORE WEEKS. APPLY ANCHORED MULCH OR SUPPLEMENTAL SEEDING DURING WINTER CONSTRUCTION.
- 8. STOCKPILE GENERATED ECM ON-SITE WITHIN DISTURBED AREAS.
- 9. REMOVE EXCESS SPOILS FROM SITE THAT WILL NOT BE USED FOR THE FINAL DESIGN AND STARILIZATION

CONSTRUCTION OF ACCESS ROADS, ASSEMBLY AREAS, RIDGE ROADS & SUBSTATION

- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL USE SURVEY CREWS TO ACCURATELY LOCATE ALL IMPROVEMENTS INCLUDING ROADWAY CENTERLINES AND LIMITS OF DISTURBANCE. PROVIDE ADDITIONAL STAKING AND MARKING AT LOCATIONS WHERE STORMWATER CONTROL MEASURES ARE TO BE INSTALLED.
- DUE TO DIFFERING SITE CONDITIONS, MINOR HORIZONTAL AND VERTICAL, MAY BE NECESSARY FOR PROPER CONSTRUCTION AND INTERPRETATION OF THE CONTRACT DRAWINGS. ALL ADJUSTMENTS SHALL BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION.

CONSTRUCTION OF PERMANENT STORMWATER MANAGEMENT SYSTEMS

- GRADING TO BE CONDUCTED IN ACCORDANCE WITH PERMITTED PERMANENT STORMWATER MANAGEMENT DESIGN.
- ONCE FINAL GRADES ARE ACHIEVED, EXPOSED SOIL SURROUNDING THE STORMWATER MANAGEMENT STRUCTURES SHALL BE PERMANENTLY STABILIZED AS DESCRIBED HEREIN.

CRANE PAD CONSTRUCTION

- 1. FOLLOWING CONSTRUCTION OF THE WTG ASSEMBLY AREA SUBGRADES, BRING CRANE PADS TO FINISH GRADE WITH 4—INCH MINUS CRUSHED STONE. AREAS TO BE REVEGETATED (ASSEMBLY AREAS, ETC.) MAY BE BROUGHT TO FINISH GRADE WITH SUBGRADE MATERIAL. SPREAD AND COMPACT MATERIAL AS NECESSARY TO THE LIMITS DEPICTED ON CONTRACT DOCUMENTS. MINOR VERTICAL AND HORIZONTAL ADJUSTMENTS MAY BE NECESSARY TO ACCOMMODATE SPECIFIC SITE CONDITIONS. ALL ADJUSTMENTS SHALL BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION.
- 2. PORTIONS OF THE WTG ASSEMBLY AREA WITHIN A 50-FOOT RADIUS OF THE TURBINE GENERATOR AND THE CRANE PAD SHALL REMAIN AS A PERMANENT DISTURBANCE. ALL OTHER AREAS WITHIN THE WTG ASSEMBLY AREA SHALL BE PERMANENTLY STABILIZED AS DESCRIBED HEREIN. PRIOR TO PERMANENT STABILIZATION, THE CONTRACTOR SHALL PERMANENTLY PIN THE FOUR CORNERS OF THE WTG LAYDOWN AREA.

CLEAN-UP & FINAL STABILIZATION

- AT STREAM CROSSINGS, COMPLETE FINAL RESTORATION (FINISH GRADE, SEED AND MULCH) OF ALL AREAS WITHIN 100 FEET OF THE WATERBODY WITHIN 48 HOURS OF FINAL GRADING, UNLESS DIRECTED OTHERWISE. ALL OTHER AREAS OF EXPOSED SOIL SHALL BE PERMANENTLY RE-VEGETATED OR OTHERWISE PERMANENTLY STABILIZED WITHIN 7 DAYS OF FINAL GRADING.
- UPON COMPLETION OF CONSTRUCTION ACTIVITIES, ALL WORK AREAS SHALL BE CLEARED OF CONSTRUCTION DEBRIS AND OTHER MATERIALS.
- 3. SPECIFIC CLEAN—UP REQUIREMENTS TO INVOLVE: REMOVAL OF ALL TEMPORARY WORK TRAILERS; REMOVAL OF MATERIAL & EQUIPMENT; DISPOSAL OF ALL RUBBISH RESULTING FROM CLEARING, CONSTRUCTION, & INSTALLATION; ROUGH GRADING & STABILIZATION OF EMBANKMENTS MADE FOR CONSTRUCTION PURPOSES; FILLING OF ANY EXCAVATIONS; & REPAIRING RUTS IN ACCESS ROADS

CONSTRUCTION MONITORING

- 1. THE PERMITTEE SHALL EMPLOY THE SERVICES OF AN ENVIRONMENTAL MONITOR ("MONITOR"). THE MONITOR SHALL BE A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL OR A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW HAMPSHIRE AND SHALL BE EMPLOYED TO INSPECT THE SITE FROM THE START OF ALTERATION OF TERRAIN ACTIVITIES UNTIL THE ALTERATION OF TERRAIN ACTIVITIES ARE COMPLETED AND THE SITE IS CONSIDERED STABLE.
- 2. DURING THIS PERIOD, THE MONITOR SHALL INSPECT THE SUBJECT SITE AT LEAST ONCE A WEEK, AND IF POSSIBLE, DURING ANY 1/2-INCH OR GREATER RAIN EVENT (I.E. 1/2-INCH OF PRECIPITATION OR MORE WITHIN A 24 HOUR PERIOD). IF UNABLE TO BE PRESENT DURING SUCH A STORM, THE MONITOR SHALL INSPECT THE SITE WITHIN 24 HOURS OF THIS EVENT.
- THE INSPECTIONS SHALL BE FOR THE PURPOSES OF DETERMINING COMPLIANCE WITH THE PERMIT. THE MONITOR SHALL SUBMIT A WRITTEN REPORT TO THE DEPARTMENT WITHIN 24 HOURS OF THE INSPECTIONS. THE REPORTS SHALL, AT A MINIMUM, DESCRIBE WHETHER THE PROJECT IS BEING CONSTRUCTED IN ACCORDANCE WITH THE APPROVED SEQUENCE, IDENTIFY ANY DEVIATION FROM THE CONDITIONS OF THIS PERMIT AND THE APPROVED PLANS, AND IDENTIFY ANY OTHER NOTED DEFICIENCIES.
- 4. THE MONITOR SHALL PROVIDE TECHNICAL ASSISTANCE AND RECOMMENDATIONS TO THE CONTRACTOR ON THE APPROPRIATE BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROLS REQUIRED TO MEET THE REQUIREMENTS OF RSA 485-A:17 AND ALL APPLICABLE DES PERMIT CONDITIONS.
- WITHIN 24 HOURS OF EACH INSPECTION, THE MONITOR SHALL SUBMIT A REPORT TO DES VIA EMAIL (TO CRAIG RENNIE AT: craig.rennie@des.nh.gov AND TO JENNIFER DROCIAK AT: iennifer.drociak@des.nh.gov).

WINTER CONSTRUCTION NOTES

FOR WORK PROPOSED DURING THE WINTER SEASON (TYPICALLY NOVEMBER 1 - APRIL 15), THE CONTRACTOR SHALL ADHERE TO THE FOLLOWING PRACTICES:

- A PLAN AND SCHEDULE OF ACTIVITIES SHALL BE SUBMITTED TO THE PERMITTEE FOR APPROVAL PRIOR TO ANY WORK BEING DONE.
- LIMIT THE TOTAL AREA OF EXPOSED SOIL TO THAT IN WHICH EARTH WORK CAN BE COMPLETED WITHIN 15 DAYS AND MULCHED WITHIN ONE DAY PRIOR TO A SNOW EVENT.
- 3. EXPOSED SOIL MAY BE LEFT BARE FOR NO MORE THAN 15 DAYS.
- . MULCH ALL EXPOSED SOIL WHERE NO ACTIVITY IS SCHEDULED WITHIN 7 DAYS AND PRIOR TO A FORECASTED SNOW EVENT OF MORE THAN 1 INCH.
- 5. WHERE PRACTICABLE, MULCH SHOULD BE APPLIED AT THE END OF EACH DAY'S WORK FOR AREAS THAT ARE FINAL GRADED. OTHERWISE, MULCH THE FOLLOWING DAY.
- 6. DO NOT APPLY MULCH OVER MORE THAN 1 INCH OF SNOW.
- 7. HAY OR STRAW MULCH SHALL BE APPLIED AT 140 LBS/1000 S.F. (APPROX.. 4 BALES) AND SO THAT THE GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH.
- . ECM IS THE PREFERRED MULCHING MATERIAL AND SHALL BE APPLIED AT A MINIMUM 4 INCH THICKNESS. WITH HIGHER AMOUNTS AS DESCRIBED HEREIN.
- 9. ECM IS THE PREFERRED EROSION CONTROL BARRIER. IF ECM IS NOT AVAILABLE, INSTALLATION OF SILT FENCE ON FROZEN GROUND MAY BE MODIFIED FROM ILLUSTRATIONS AND DETAIL DRAWINGS TO SUBSTITUTE SIX INCHES OF SUITABLE NON—ORGANIC MATERIAL OVER THE BOTTOM OF THE SILT FENCE IN LIEU OF TRENCHING AND BACKFILLING FABRIC.
- O. A DOUBLE ROW OF EROSION CONTROL BARRIER WILL BE USED WHERE REQUIRED WITHIN 100 FEET OF WETLANDS AND WATER BODIES.
- 11. INSPECTION OF EROSION CONTROL MEASURES AND ANY NEEDED REPAIR/REPLACEMENT OF WHICH SHALL OCCUR EACH DAY.
- 2. ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS/ACRE OF MULCH, SECURED WITH ANCHOR NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.
- 3. ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.
- 14. AFTER NOVEMBER 15, INCOMPLETE ROAD, SUBSTATION, OR TURBINE PAD AREAS, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL PER NHDOT ITEM 304.3.
- 15. PERMANENT SEEDING IS NOT REQUIRED DURING THE WINTER SEASON; HOWEVER, IF DONE, THE CONTRACTOR SHALL FOLLOW PROCEDURES FOR DORMANT SEEDING. THE PERMANENT SEED MIX SHALL BE APPLIED AT THREE TIMES THE STANDARD RATE AND MULCHED. RE-VEGETATION SUCCESS MUST BE INSPECTED BY THE CONTRACTOR IN THE FOLLOWING SPRING (AFTER APRIL 15) AND RE-SEEDED AS NECESSARY IF VEGETATIVE COVER IS LESS THAN 75 PERCENT. ACCEPTANCE OF DORMANT SEEDING AS SUCCESSFUL WILL NOT OCCUR UNTIL AFTER JUNE 1 OF THE FOLLOWING SPRING.

IVIL ADDI	<u>NEVIATIONS</u>		LLGLIND	
		EXISTING		PROPOSED
&	AND			
Ø, DIA	DIAMETER		LEASE AREA	
#, NO	NUMBER		PROPERTY LINE	
APP'D	APPROVED		EASEMENT	
AR	TANGENT RIGID STRUCTURE			
BLDG	BUILDING		CENTERLINE	
СВ	CATCH BASIN		EDGE OF PAVEMENT	
CEN	CENTER		EDGE OF PAVEMENT	
CFS	CUBIC FEET PER SECOND		EDGE OF GRAVEL	
CI	CAST IRON	1050		(1050)
	CENTERLINE	——————————————————————————————————————	CONTOUR	
CL, Q			BUILDING	
CMP	CORRUGATED METAL PIPE	0000000000	STONEWALL	
CO	CLEANOUT			
CONC	CONCRETE	\bigcirc	TREELINE	\triangle
COR	CORNER		CHAIN LINK FENCE	
CY	CUBIC YARD		OTT THE PROPERTY OF	
DEMO	DEMOLITION		CULVERT	
DER	DEAD END RIGID STRUCTURE	L — — — — — —		
DMH	DRAIN MANHOLE		UNDERGROUND	HOT
DI	DUCTILE IRON		FIBER	UGF
DR	DRAIN			
DWG	DRAWING		UNDERGROUND	UGE
ECB	EROSION CONTROL BERM		34kV COLLECTOR	
			OVERHEAD	
ECM	EROSION CONTROL MIX		34kV COLLECTOR	-OHE-DHE-
EL	ELEVATION		OTAT GOLLLOTOIS	
EMH	ELECTRIC MANHOLE		OVERHEAD	
FM	FORCE MAIN	_ : _ : _ : _ : _ : _	TRANSMISSION	
FT	FEET			
G	GAS	Ø	UTILITY POLE	ø
HDPE	HIGH DENSITY POLYETHYLENE			
HYD	HYDRANT	Δ	SURVEY CONTROL POINT	
IN	INCH	_x 1225.5	SPOT ELEVATION	1112.50
INF	INFLUENT	^		
INV	INVERT		STREAM	
LF	LINEAR FEET		SINDAM	
	POUNDS	Al	N-35 WETLANDS	
LBS			WEIBING	
MAX	MAXIMUM		VERNAL POOL	
MH	MANHOLE	DO COCOCO	VERNAL FOOL	
MIN	MINIMUM		DDAINAGE FLOW	
MW	MONITORING WELL	=->	DRAINAGE FLOW	\rightarrow
N	NORTH	- 0	SIGN	
NAD83	NORTH AMERICAN DATUM 1983			A CANA
NAVD88	NORTH AMERICAN VERTICAL DATUM 1988		PLUNGE POOL	
N/A	NOT AVAILABLE/APPLICABLE		PERMANENT CHECK DAM	2000
NTS	NOT TO SCALE			500
OD	OUTSIDE DIAMETER		EROSION CONTROL BARRIER	ECB
PC	PERFORATED CLAY		LIMIT OF DISTURBANCE	
P/0	PART OF		LIMIT OF DISTORDANCE	
		\$250505050505050505050505050505050505050	RIPRAP	
PSF	POUNDS PER SQUARE FOOT	***************************************	KIEKAE	000000000000000000000000000000000000000
PSI	POUNDS PER SQUARE INCH		MATCHLINE	
PS	PRIMARY SLUDGE			
PT	POINT OF TANGENCY		PERMEABLE BASE	
PVC	POLYVINYL CHLORIDE		ROAD CONSTRUCTION	***************
R, RAD	RADIUS		STORMWATER	
RCP	REINFORCED CONCRETE PIPE		BUFFER	
RD	ROOF DRAIN		TURBINE LOCATION	WTG-3
REQ'D	REQUIRED		TONDINE LOUATION	W1G-3
S	SLOPE, SEWER			
SD	STORM DRAIN			
SE	COLLADE EFET			

CIVIL ABBREVIATIONS

LEGEND

	NO.	. REVISION	DATE	BY	СК	P.E. STAMPED BY	P.E. No.	CLIENT APPROVAL	TRC/PMM DESIGNED	PROJECT NOTES, LEGEND AND ABBREVIATIONS	
								DANIEL T BUTLER No. 8105 APPROVED BY	TRC/KAV DRAWN TRC/DTB CHECKED	ANTRIM WIND ENERGY, LLC ANTRIM WINDPARK	
								COMPANY	APPROVED	ANTRIM NEW HAMPSHIRE	
NOT FOR CONCERNICTION	В	ISSUED FOR PERMITTING	5/1/15	PMM	DTB	DTB	8105	DATE	REVIEWED	TRC 249 WESTERN AVENUE AUGUSTA, ME 04330 PROJECT NO: 182878 G-2 B	
NOT FOR CONSTRUCTION	Α	ISSUED FOR CLIENT REVIEW	4/6/15	РММ	DTB			5/1/15		SCALE: AS NOTED DATE: 11-8-11	

SQUARE FEET

TRANSFORMER

THICKNESS

TYPICAL

UNDERDRAIN

UNDERGROUND

VITRIFIED CLAY

POTABLE WATER

TOP OF FOUNDATION

TOP OF STRUCTURE

TEMPORARY BENCH MARK

UNDERGROUND ELECTRIC

WIND TURBINE GENERATOR

UNIVERSAL TRANSVERSE MERCATOR

SQUARE

STATION

SQ

STA

THK

TOS

TYP

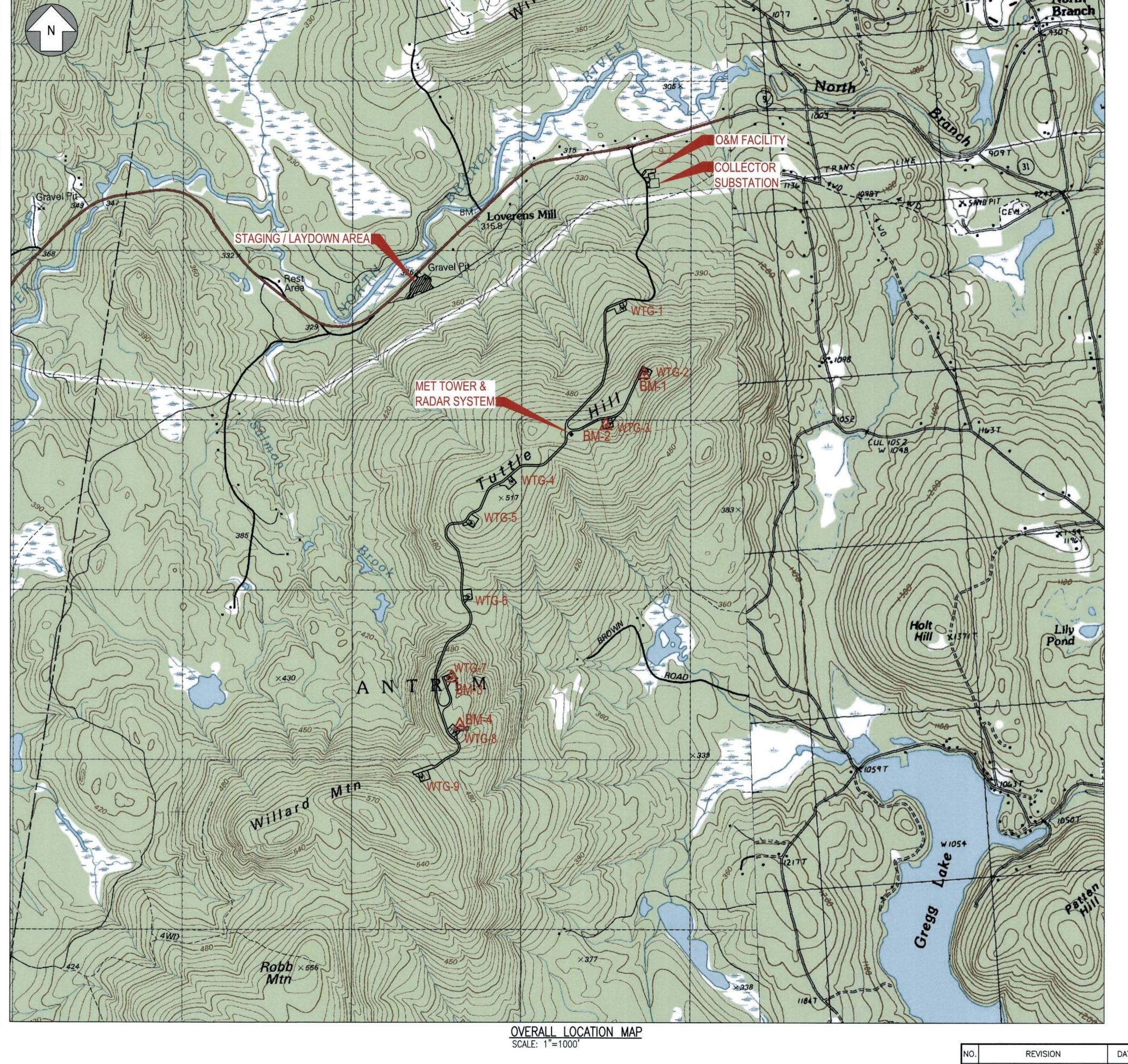
UGE

UTM

T, XFMR

T/FNDN

SANITARY SEWER MANHOLE



DRAWING INDEX

TITLE SHEET G-2PROJECT NOTES, LEGEND AND ABBREVIATIONS OVERALL LOCATION MAP & DRAWING INDEX PLAN: TEMPORARY STAGING / LAYDOWN AREA C-1PLAN: MAIN ACCESS ROAD STA 0+00 TO 15+00 C-2STA 15+00 TO 30+00 PLAN: MAIN ACCESS ROAD STA 30+00 TO 45+00 C-3PLAN: MAIN ACCESS ROAD C-4 PLAN: MAIN ACCESS ROAD STA 45+00 TO 60+00 C-5 PLAN: MAIN ACCESS ROAD STA 60+00 TO 75+00 C-6PLAN: MAIN ACCESS ROAD STA 75+00 TO 90+00 C - 7PLAN: MAIN ACCESS ROAD STA 90+00 TO 105+00 C-8 PLAN: MAIN ACCESS ROAD STA 105+00 TO 120+00 C-9 PLAN: MAIN ACCESS ROAD STA 120+00 TO 135+00 C-10 PLAN: MAIN ACCESS ROAD STA 135+00 TO 150+00 C-11 PLAN: MAIN ACCESS ROAD STA 150+00 TO 158+57 C-12 PLAN: WTG-2 & 3 SPUR ROAD STA 0+00 TO 15+00 C - 13PLAN: WTG-2 & 3 SPUR ROAD STA 15+00 TO 21+30 STA 0+00 TO 60+00 C-14 PROFILE: MAIN ACCESS ROAD C-15 PROFILE: MAIN ACCESS ROAD STA 60+00 TO 120+00 C-16 PROFILE: MAIN ACCESS ROAD STA 120+00 TO 158+57 PROFILES: WTG-2 & 3 AND STA 0+00 TO 21+30 WTG-7 SPUR ROADS STA 0+00 7+65 C-18 CIVIL DETAILS I C-19 CIVIL DETAILS II C-20 CIVIL DETAILS III EROSION CONTROL NOTES & DETAILS I C-21 C-22 EROSION CONTROL NOTES & DETAILS II CULVERT / BUFFER / TREATMENT SWALE / LEVEL SPREADER / PLUNGE POOL SCHEDULES WS-1 PRE-DEVELOPMENT WATERSHED PLAN WS-2POST-DEVELOPMENT WATERSHED PLAN WS-3MEDIUM INTENSITY HYDROLOGIC SOIL GROUP PLAN STORMWATER MANAGEMENT PLAN STA 0+00 TO 15+00 STORMWATER MANAGEMENT PLAN SW-2STA 15+00 TO 30+00 SW-2A STORMWATER MANAGEMENT PLAN SUBCATCHMENT OVERVIEW SW-3STORMWATER MANAGEMENT PLAN STA 30+00 TO 45+00 SW-4 STORMWATER MANAGEMENT PLAN STA 45+00 TO 60+00 SW-5STORMWATER MANAGEMENT PLAN STA 60+00 TO 75+00 SW-6STORMWATER MANAGEMENT PLAN STA 75+00 TO 90+00 SW-7STORMWATER MANAGEMENT PLAN STA 90+00 TO 105+00 SW-8 STORMWATER MANAGEMENT PLAN STA 105+00 TO 120+00 SW-9STORMWATER MANAGEMENT PLAN STA 120+00 TO 135+00 SW-10 STORMWATER MANAGEMENT PLAN STA 135+00 TO 150+00 SW-11 STORMWATER MANAGEMENT PLAN STA 150+00 TO 158+57 STORMWATER MANAGEMENT PLAN SW-12 NORTH SPUR ROAD: STA 0+00 TO 15+00

PROJECT BENCHMARKS

STORMWATER MANAGEMENT PLAN

▲ BM-1 12" SPIKE ELEV=1741.83

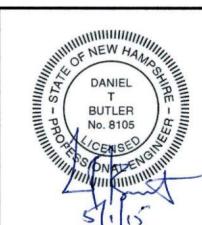
▲ BM-2 12* SPIKE ELEV=1758.94

▲ BM-3 12" SPIKE ELEV=1681.68

▲ BM-4

NOTES: 1. SEE DRAWING G-2 FOR PROJECT NOTES, LEGEND & ABBREVIATIONS.

NO.	REVISION	DATE	BY	СК	P.E. STAMPED BY	P.E. No.
В	ISSUED FOR PERMITTING	5/1/15	РММ	DTB	DTB	8105
Α	ISSUED FOR CLIENT REVIEW	4/6/15	РММ	DTB		



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CLIENT PPROVAL	TRC/PMM DESIGNED
	TRC/KAV DRAWN
APPROVED BY	TRC/DTB CHECKED
COMPANY	APPROVED
	REVIEWED

OVERALL LOCATION MAP & DRAWING INDEX ANTRIM WIND ENERGY, LLC ANTRIM WINDPARK

NORTH SPUR ROAD: STA 15+00 TO 21+30

NEW HAMPSHIRE

249 WESTERN AVENUE AUGUSTA, ME 04330 PROJECT NO:182878 G-3DATE: 11-8-11 SCALE: AS NOTED

SCALE: 1"=1000"

NOT FOR CONSTRUCTION